

**What is claimed is:**

1. A compressible pin assembly comprising:

a barrel with a hollow chamber having a cross section with first inner dimensions, a closed end, and an open end, the open end forming a crimpable lip with second inner dimensions larger than the first inner dimensions of the hollow chamber and, when the lip is crimped radially inwardly, forming crimped inner dimensions;

a contact pin having a pin body with outer dimensions smaller than the first inner dimensions of the cross section of the hollow chamber allowing for slidable movement of the pin body within the hollow chamber, the outer dimensions being larger than the crimped inner dimensions of the lip preventing movement of the pin body beyond the lip after the lip is crimped, the contact pin further having a contact end extending from the pin body through the lip of the open end of the barrel;

an elastic element contained in the hollow chamber against the closed end of the barrel to spring-bias the pin body of the contact pin against the lip so that the contact element extends beyond the barrel;

an aperture passing through the hollow chamber of the barrel with dimensions less than the dimensions of the first inner dimensions of the hollow chamber; and

a stopper designed to be placed into the aperture.

2. The compressible pin assembly of claim 1 wherein the aperture is located in a circumferential wall of the hollow chamber.

3. The compressible pin assembly of claim 1 wherein the aperture is located in the closed end of the hollow chamber.

4. The compressible pin assembly of claim 2 wherein the stopper is press fit in the aperture..

5. The compressible pin assembly of claim 2 wherein the stopper has threads which are threaded into threads in the aperture.

6. The compressible pin assembly of claim 4 wherein the stopper has a cylindrical outer wall and the aperture has a cylindrical inner wall.

7. The compressible pin assembly of claim 4 wherein the stopper has a semi-conical outer wall and an aperture has a semi-conical inner edge.

8. The compressible pin assembly of claim 3 wherein the stopper and aperture have an I shaped cross section where the aperture is crimped over the stopper.

9. The compressible pin assembly of claim 1 wherein the cross section of the hollow chamber of the barrel is circular.